

FOU
FILE
COPY

FOR OFFICIAL USE ONLY
CLASSIFICATION ~~RESTRICTED~~ RESTRICTED
SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD

STAT

COUNTRY USSR

DATE OF
INFORMATION 1951

SUBJECT Scientific - Physics, acoustics

HOW

DATE DIST. 25 Feb 1952

PUBLISHED Monthly period

WHERE

NO. OF PAGES 2

PUBLISHED Moscow/Leningrad

DATE

STAT

PUBLISHED Aug 1951

LANGUAGE Russian

SUPPLEMENT TO
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE
DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACTS OF
U. S. C. 18 AND RELATES HERETO. ITS TRANSMISSION OR THE REVELATION
OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PRO-
HIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED

THIS IS UNEVALUATED INFORMATION

SOURCE Uspekhi Fiziki Nauk, Vol XLIV, No 4, 1951, pp 636-644

TOPICS AND SPEAKERS AT SOVIET ACOUSTICS CONFERENCE

B. D. Tartakovskiy

The following is a list of participants and titles of reports heard at
a conference of the Commission on Acoustics, Academy of Sciences USSR.

From 1 to 3 February 1951 in Leningrad, the Commission on Acoustics held
a conference devoted to problems of physical and measurement acoustics, in
which 26 reports were heard in plenary sessions, as well as in sessions on
piezoelectricity, and on electroacoustical apparatus and measurements. More
than 115 persons took part in the conference.

Among the reports were: "Introductory Speech," N. N. Andreyev, President
of the Commission on Acoustics and Corresponding Member, Academy of Sciences
USSR; "Spectra and Analysis," A. A. Kharkevich, Corresponding Member, Academy
of Sciences Ukrainian SSR; "Analysis of Oscillations," A. V. Rimskiy-Korsakov;
"Visualization of Spatially Modulated Waves," S. N. Rzhevkin; "Theory of
Complete Internal Reflection," L. M. Brekhovskikh; "Scattering of Sound in
Fluctuations," L. A. Chernov; "Physicochemical and Biological Action of Ultra-
sonics," I. E. El'piner; "Procedures for Measuring the Parameters and Charac-
teristics of Telephones, Microphones, and Loringophones," M. A. Sapozhkov.

Also heard were: "Application of Devices With a Thermistor for Measuring
the Levels of Noise and Speech," I. M. Polkovskiy; "Universal Measuring Instal-
lation for Testing Electroacoustical Apparatus," A. G. Muratova; "New Method
for Measuring the Modulus of Elasticity and Decrement of Damping," Yu. M.
Sukharevskiy; "Method of Automatic Factory Control of Microphones and Tele-
phones," A. N. Poleskin; "Objective noise Measurement with Natural Scale Loud-
ness," I. I. Slavin; "Problems of Measuring the Microphone Effect of Carbon
Granules," V. N. Fedorovich; "Piezometric Measuring Microphone," P. A. Anan'-
yev; "Measurements of Young's Modulus of Rochelle Salt Blocks in the Dynamic
State," V. A. Krasil'nikov.

FOR OFFICIAL USE ONLY

- 1 -

RESTRICTED

CLASSIFICATION ~~RESTRICTED~~

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB																	
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI																	

STAT

RESTRICTED
RESTRICTED



Other reports given were: "Acoustical Method of Measuring Vibrations," V. N. Fedorov; "Oscillations of Plates of Piezoelectric Textures," V. P. Konstantinova; "Influence of Ultrasonics on Crystallization Processes," A. P. Kapustin; "Variophone," Ye. A. Sholpo; "Standardization of Measurements of the Threshold of Sound," S. Ya. Lifshits; "Certain Problems of Statistical Acoustics," G. S. Gorelika; "Statistical Characteristics of Processes in Architectural Acoustics," S. G. Gershman.

- E N D -

- 2 -

RESTRICTED

RESTRICTED